IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patentee: Jerome R. Bellegarda Docket No: P3128US1 Patent No.: 7.643.990 Issue Date: January 5, 2010 Serial No: 10/693,227 Filed: October 23, 2003 Title: GLOBAL BOUNDARY-CENTRIC FEATURE EXTRACTION AND

ASSOCIATED DISCONTINUITY METRICS

Attn: CERTIFICATE OF CORRECTIONS BRANCH

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

 \boxtimes

REQUEST FOR CERTIFICATE OF CORRECTION

Applicant hereby requests that a Certificate of Correction be issued for the above patent in accordance with the attached request. \boxtimes Transmitted herewith are the following documents. \boxtimes Certificate of Correction PTO Form-1050 (in duplicate);

would constitute new matter or would require re-examination; \boxtimes No fee is due with this submission, since the error was made by the U.S. Patent & Trademark Office; or

The Commissioner is authorized to charge any required fees, additional fees, or credit any overpayment to Deposit Account 01-0495 (Reference Attorney Docket No. P3128US1).

The errors occurred in good faith. Correction thereof does not involve such changes in the patent as

Please send the Certificate of Correction to the undersigned attorney of record at the address set forth below.

/Sanjay S. Gadkari/ Date: 8/11/2010 Sanjay S. Gadkari Reg. No. 55,796

Apple Inc. 1 Infinite Loop, M/S 40-PAT Cupertino, CA 95014 Tel: 408/996-1010

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 7,643,990 Page 1 of 1

APPLICATION NO.: 10/693,227

ISSUE DATE : January 5, 2010

INVENTOR(S) : Jerome R. Bellegarda

It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 7, line 12, delete "T" and insert - - T - -, therefor.

In column 13, line 53, in claim 7, delete "T" and insert - - T - -, therefor.

In column 17, line 37, in claim 42, delete "T" and insert - - T - -, therefor,

In column 18, line 49, in claim 53, delete "T" and insert - - T - -, therefor.

In column 19, line 63, in claim 65, delete "T" and insert - - T - -, therefor,

In column 20, line 1, in claim 67, delete "i" and insert - - $\bar{\mathcal{U}}_i$ --. therefor.

In column 20, line 60, in claim 76, delete " $W=U\mathbf{\tau}V^T$ " and

insert - - $W = U \sum V^T$

In column 21, line 3, in claim 76, delete "T" and insert - - T - -, therefor.

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In column 20, line 1, in claim 67, delete "i" and insert -- $\bar{\mathcal{U}}_i$ -- therefor

In column 20, line 60, in claim 76, delete " $W=U\mathbf{\tau}V^T$ " and

insert - - $W = U \sum V^T$

In column 21, line 3, in claim 76, delete "T" and insert - - T - -, therefor.